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(54) **Dental composition and artificial tooth made thereof**

(57) A dental composition useful for an artificial tooth and an artificial tooth with use of the said dental composition by which color stability, coloring resistance and aesthetic merit can be maintained for a long period of time and which have superior characteristics such as bending strength, impact strength, hardness and wear resistance. The dental composition comprises (A) at least one monomer and/or oligomer selected from methacrylates and acrylates, (B) an uncrosslinked polymer selected from homopolymers of methacrylates, acrylates and styrene; copolymers of at least two monomers selected from methacrylates, acrylates and sty-

rene; mixtures of the homopolymers; mixtures of the copolymers; and mixtures of the homopolymer(s) and the copolymer(s), (C) a crosslinked polymer selected from homopolymers of methacrylates, acrylates and styrene; copolymers of at least two monomers selected from methacrylates, acrylates and styrene; mixtures of the homopolymers; mixtures of the copolymers; and mixtures of the homopolymer(s) and the copolymer(s), (D) an organic and inorganic filler complex, and optionally (E) an inorganic filler. The said dental composition is used to make a dough, which is polymerized and molded into an artificial tooth.

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EUROPEAN SEARCH REPORT

Application Number
EP 99 30 4069

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Place of search THE HAGUE		Date of completion of the search 25 September 2001	Examiner Cousins-Van Steen, G
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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